OIPE
AUG 28 2006
PATENT & TRADEMARK OFFICE
IAP19

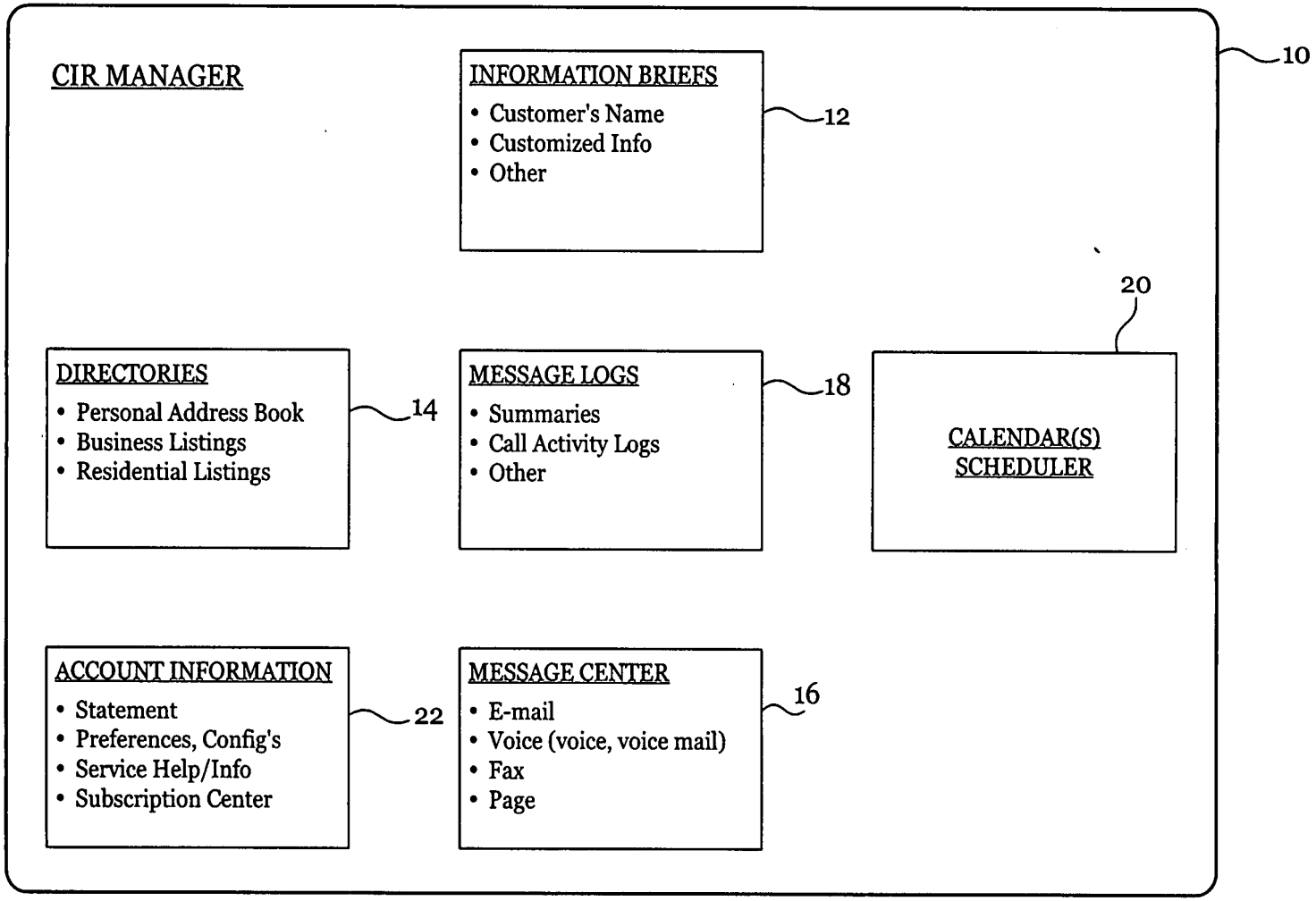



FIG. 1

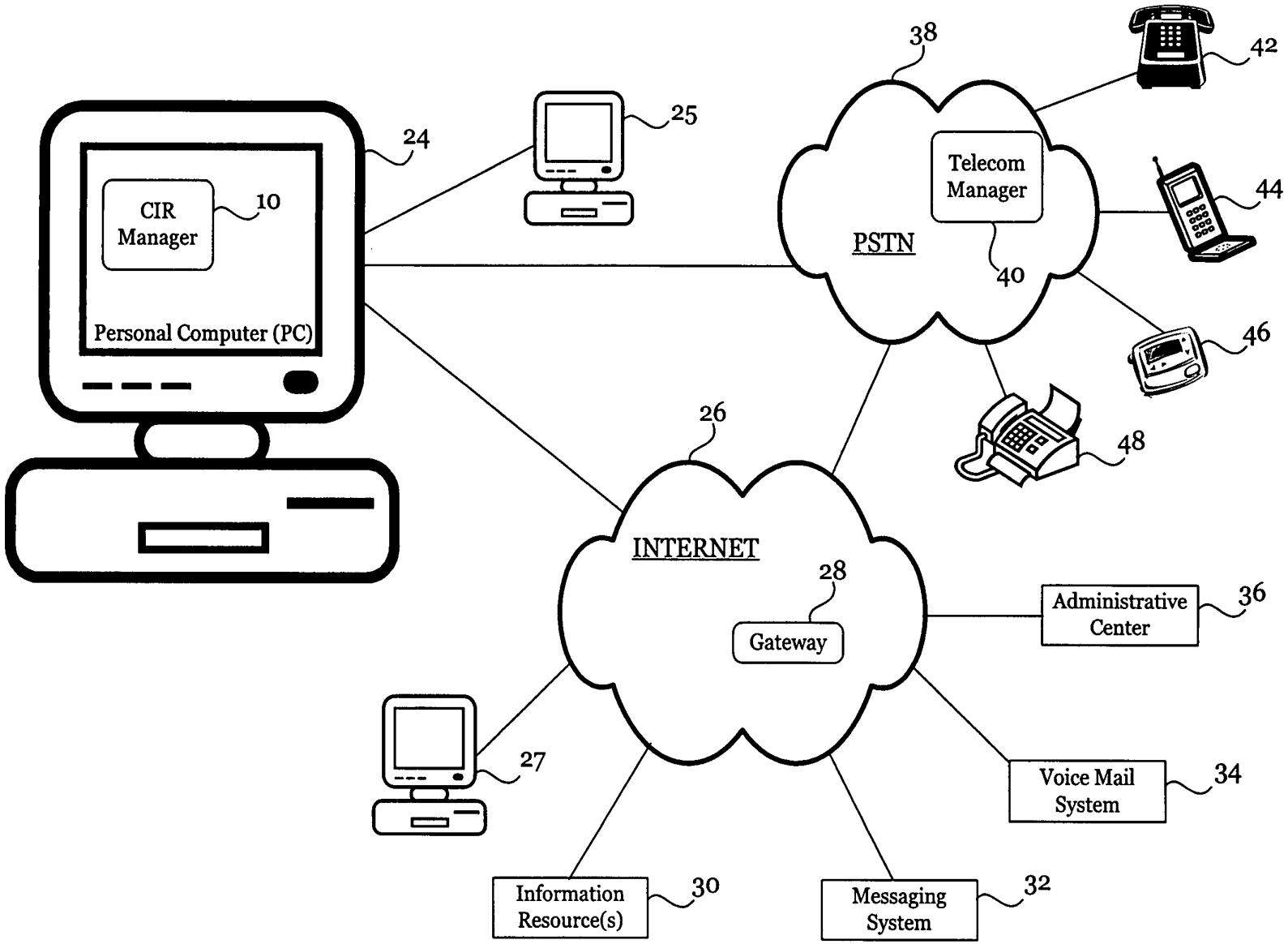

CIR Manager
10
Personal Computer (PC)
24
25
38
Telecom Manager
PSTN
40
42
44
46
48
26
INTERNET
28
Gateway
27
Administrative Center
36
Voice Mail System
34
Information Resource(s)
30
Messaging System
32

FIG. 2

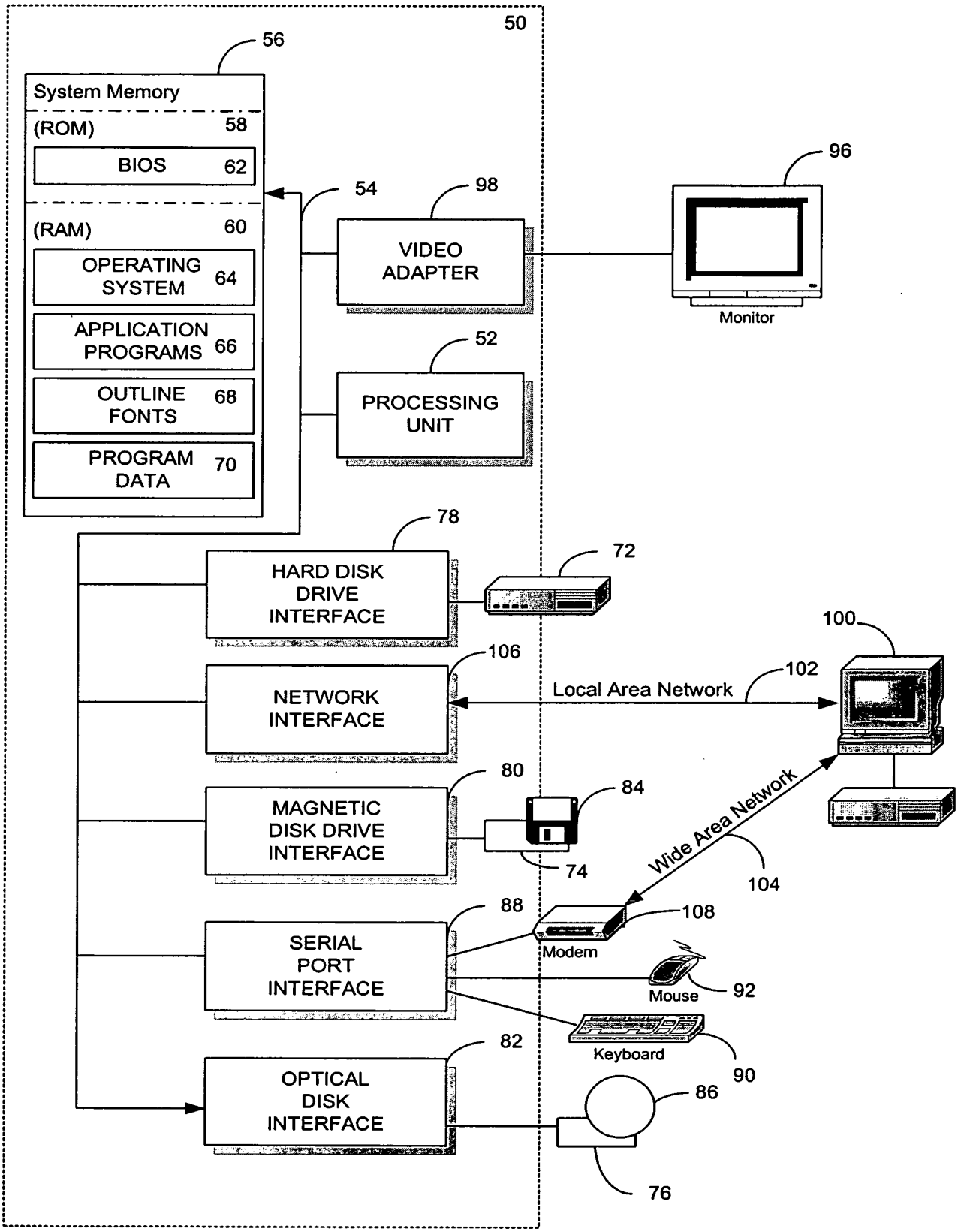

50
56
System Memory
(ROM) 58
BIOS 62
(RAM) 60
OPERATING SYSTEM 64
APPLICATION PROGRAMS 66
OUTLINE FONTS 68
PROGRAM DATA 70
54
98
VIDEO ADAPTER
96
Monitor
52
PROCESSING UNIT
78
HARD DISK DRIVE INTERFACE
72
106
NETWORK INTERFACE
Local Area Network
102
100
80
MAGNETIC DISK DRIVE INTERFACE
84
74
Wide Area Network
104
88
SERIAL PORT INTERFACE
108
Modem
Mouse
92
Keyboard
90
82
OPTICAL DISK INTERFACE
86
76

FIG. 3

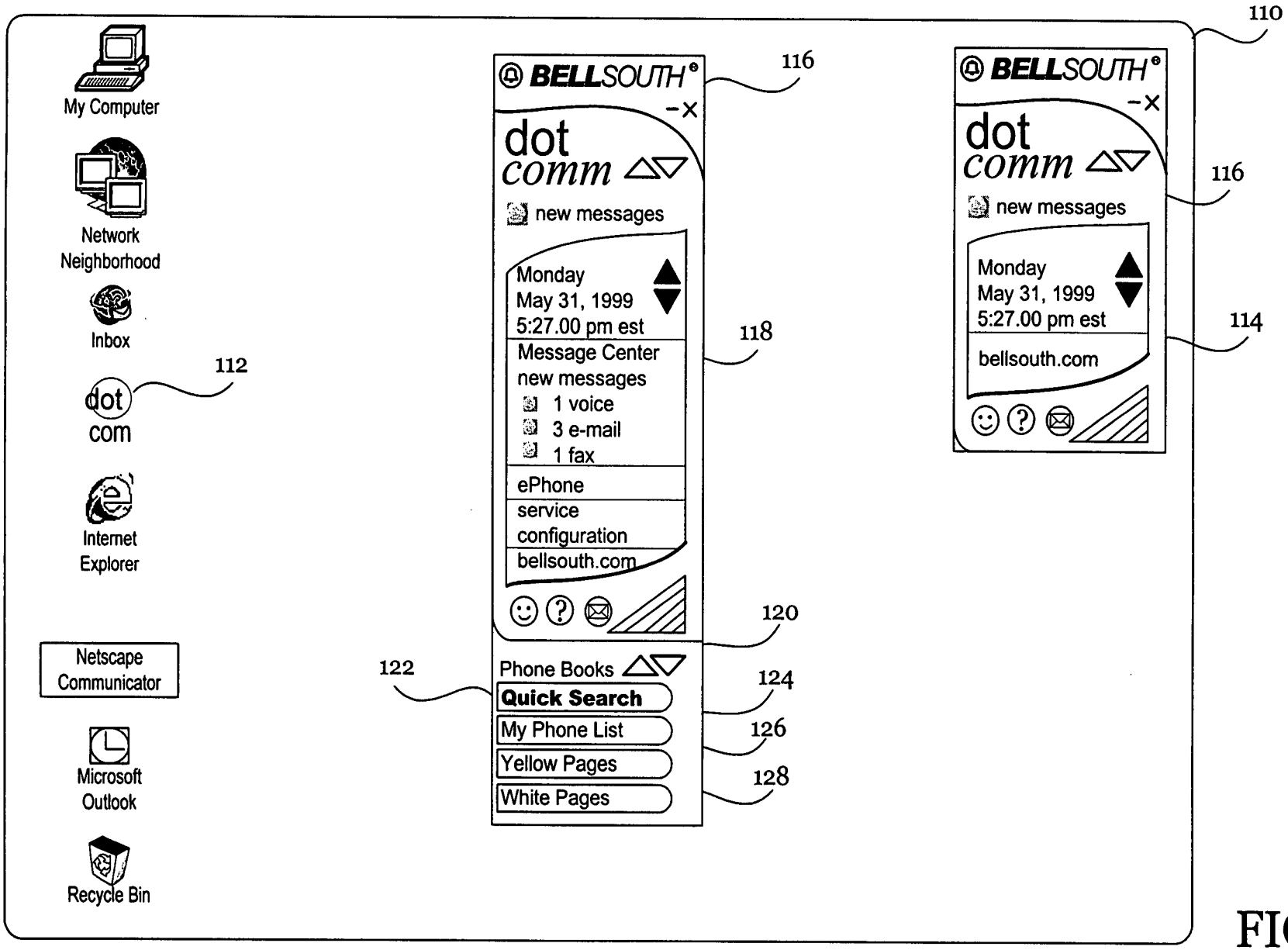

My Computer
Network Neighborhood
Inbox
dot com
112
Internet Explorer
Netscape Communicator
Microsoft Outlook
Recycle Bin
BELLSOUTH
dot comm
new messages
Monday
May 31, 1999
5:27.00 pm est
Message Center
new messages
1 voice
3 e-mail
1 fax
ePhone
service configuration
bellsouth.com
116
118
120
122
Phone Books
Quick Search
My Phone List
Yellow Pages
White Pages
124
126
128
110
114

FIG. 4

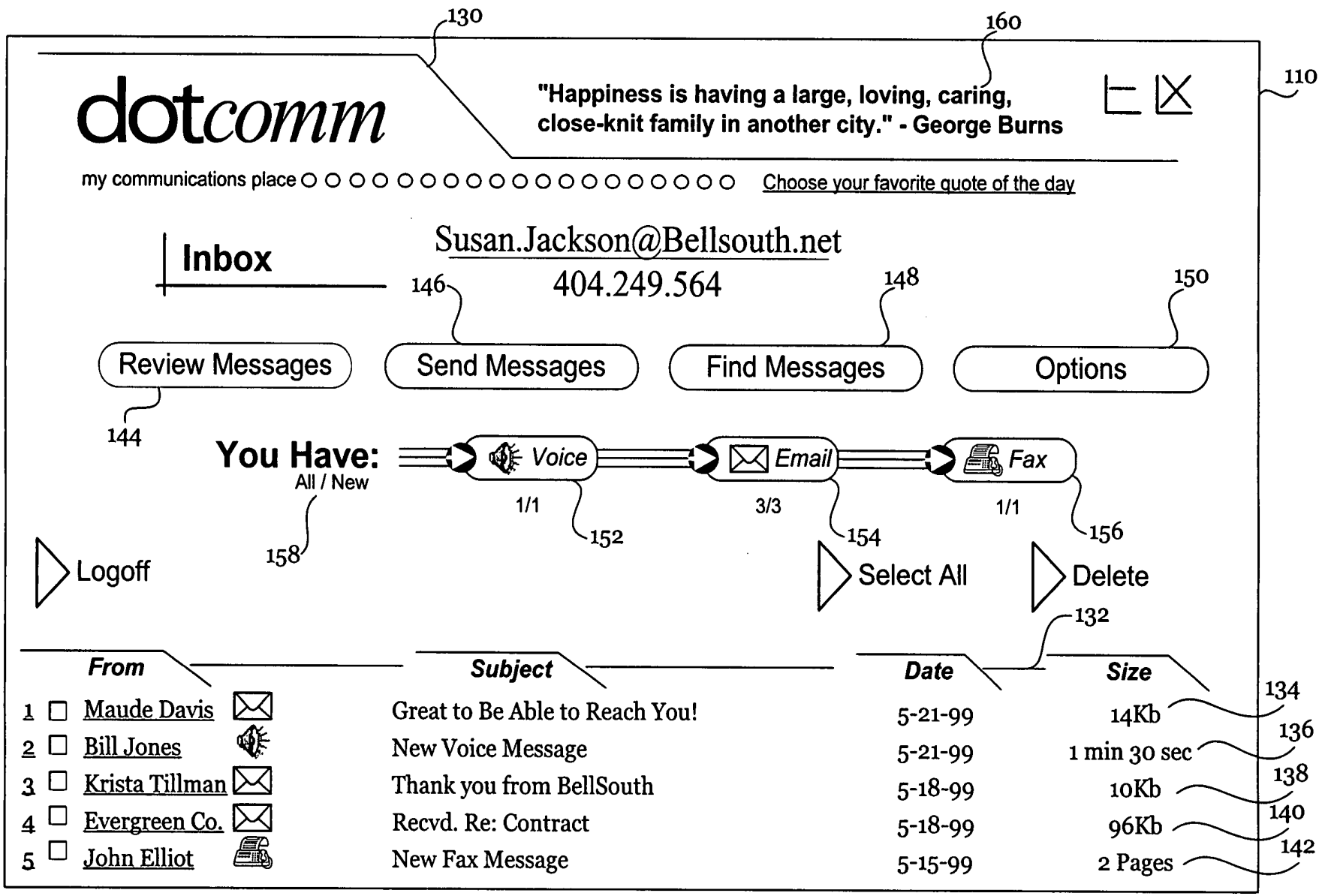
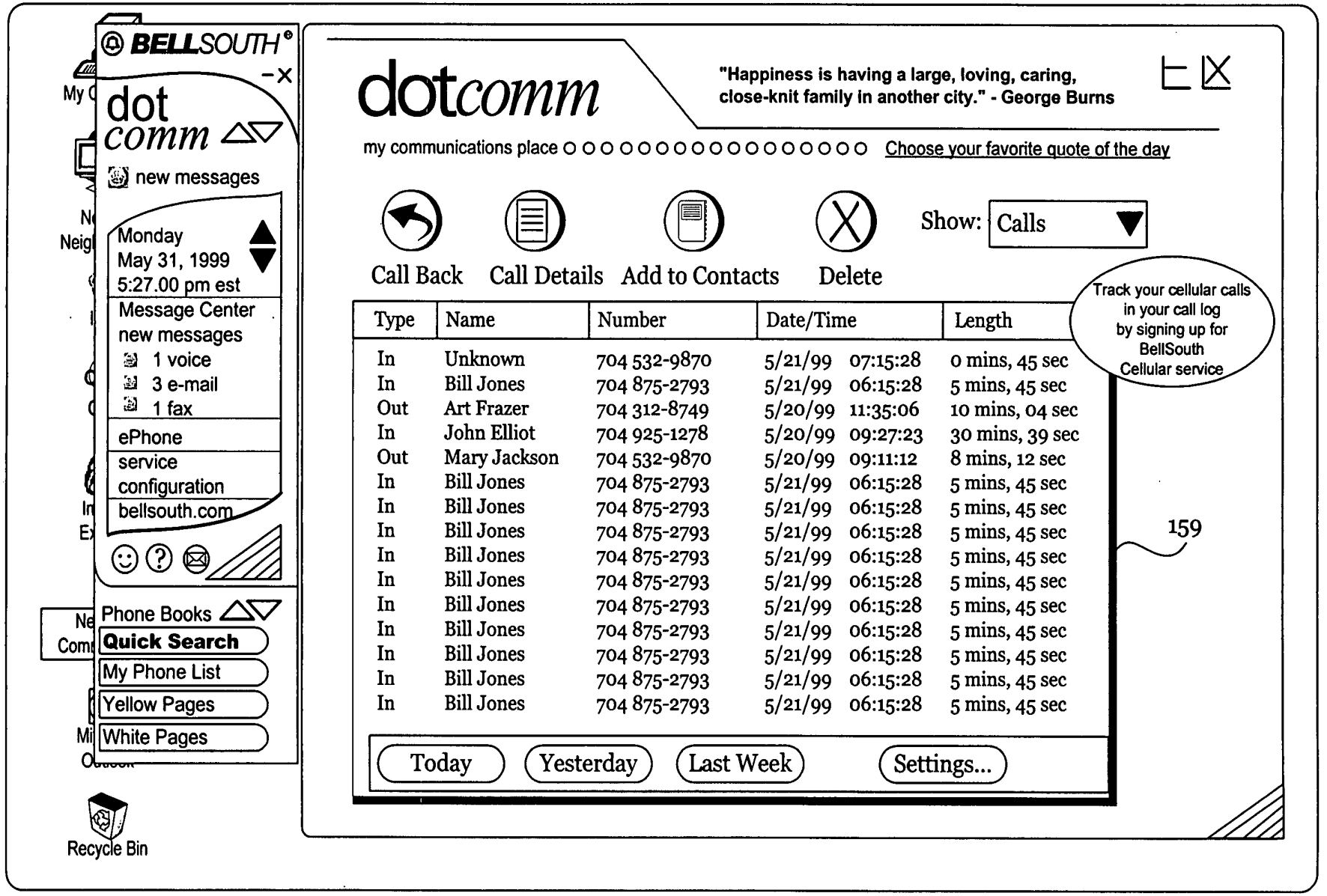

130
160
110
dotcomm
"Happiness is having a large, loving, caring, close-knit family in another city." - George Burns
my communications place
Choose your favorite quote of the day
Inbox
Susan.Jackson@Bellsouth.net
404.249.564
146
148
150
Review Messages
Send Messages
Find Messages
Options
144
You Have:
All / New
Voice
Email
Fax
1/1
3/3
1/1
158
152
154
156
Logoff
Select All
Delete
132
From
Subject
Date
Size
1 Maude Davis
Great to Be Able to Reach You!
5-21-99
14Kb
134
2 Bill Jones
New Voice Message
5-21-99
1 min 30 sec
136
3 Krista Tillman
Thank you from BellSouth
5-18-99
10Kb
138
4 Evergreen Co.
Recvd. Re: Contract
5-18-99
96Kb
140
5 John Elliot
New Fax Message
5-15-99
2 Pages
142

FIG. 5A




| Type | Name | Number | Date/Time | Length |
|---|---|---|---|---|
| In | Unknown | 704 532-9870 | 5/21/99 07:15:28 | 0 mins, 45 sec |
| In | Bill Jones | 704 875-2793 | 5/21/99 06:15:28 | 5 mins, 45 sec |
| Out | Art Frazer | 704 312-8749 | 5/20/99 11:35:06 | 10 mins, 04 sec |
| In | John Elliot | 704 925-1278 | 5/20/99 09:27:23 | 30 mins, 39 sec |
| Out | Mary Jackson | 704 532-9870 | 5/20/99 09:11:12 | 8 mins, 12 sec |
| In | Bill Jones | 704 875-2793 | 5/21/99 06:15:28 | 5 mins, 45 sec |
| In | Bill Jones | 704 875-2793 | 5/21/99 06:15:28 | 5 mins, 45 sec |
| In | Bill Jones | 704 875-2793 | 5/21/99 06:15:28 | 5 mins, 45 sec |
| In | Bill Jones | 704 875-2793 | 5/21/99 06:15:28 | 5 mins, 45 sec |
| In | Bill Jones | 704 875-2793 | 5/21/99 06:15:28 | 5 mins, 45 sec |
| In | Bill Jones | 704 875-2793 | 5/21/99 06:15:28 | 5 mins, 45 sec |
| In | Bill Jones | 704 875-2793 | 5/21/99 06:15:28 | 5 mins, 45 sec |
| In | Bill Jones | 704 875-2793 | 5/21/99 06:15:28 | 5 mins, 45 sec |
| In | Bill Jones | 704 875-2793 | 5/21/99 06:15:28 | 5 mins, 45 sec |
| In | Bill Jones | 704 875-2793 | 5/21/99 06:15:28 | 5 mins, 45 sec |

FIG. 5B

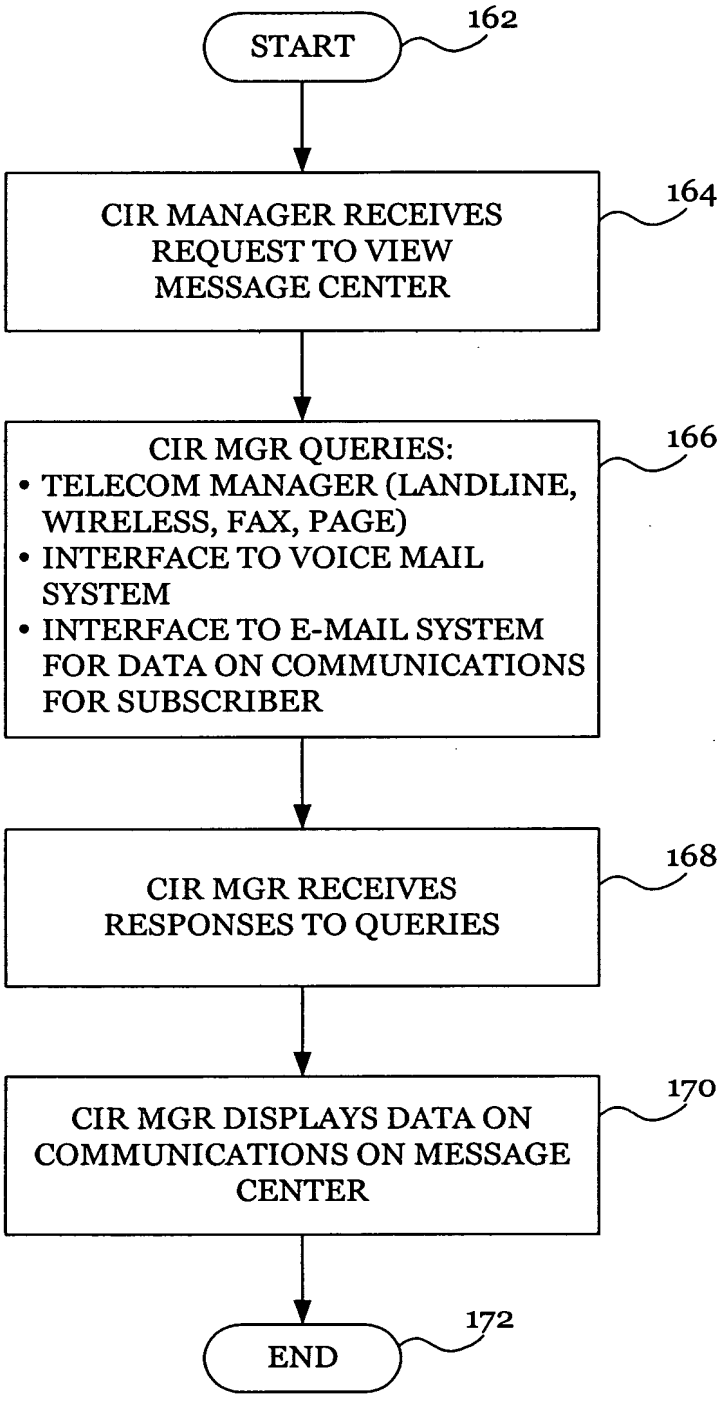

START
162
CIR MANAGER RECEIVES REQUEST TO VIEW MESSAGE CENTER
164
CIR MGR QUERIES:
• TELECOM MANAGER (LANDLINE, WIRELESS, FAX, PAGE)
• INTERFACE TO VOICE MAIL SYSTEM
• INTERFACE TO E-MAIL SYSTEM FOR DATA ON COMMUNICATIONS FOR SUBSCRIBER
166
CIR MGR RECEIVES RESPONSES TO QUERIES
168
CIR MGR DISPLAYS DATA ON COMMUNICATIONS ON MESSAGE CENTER
170
END
172

FIG. 6

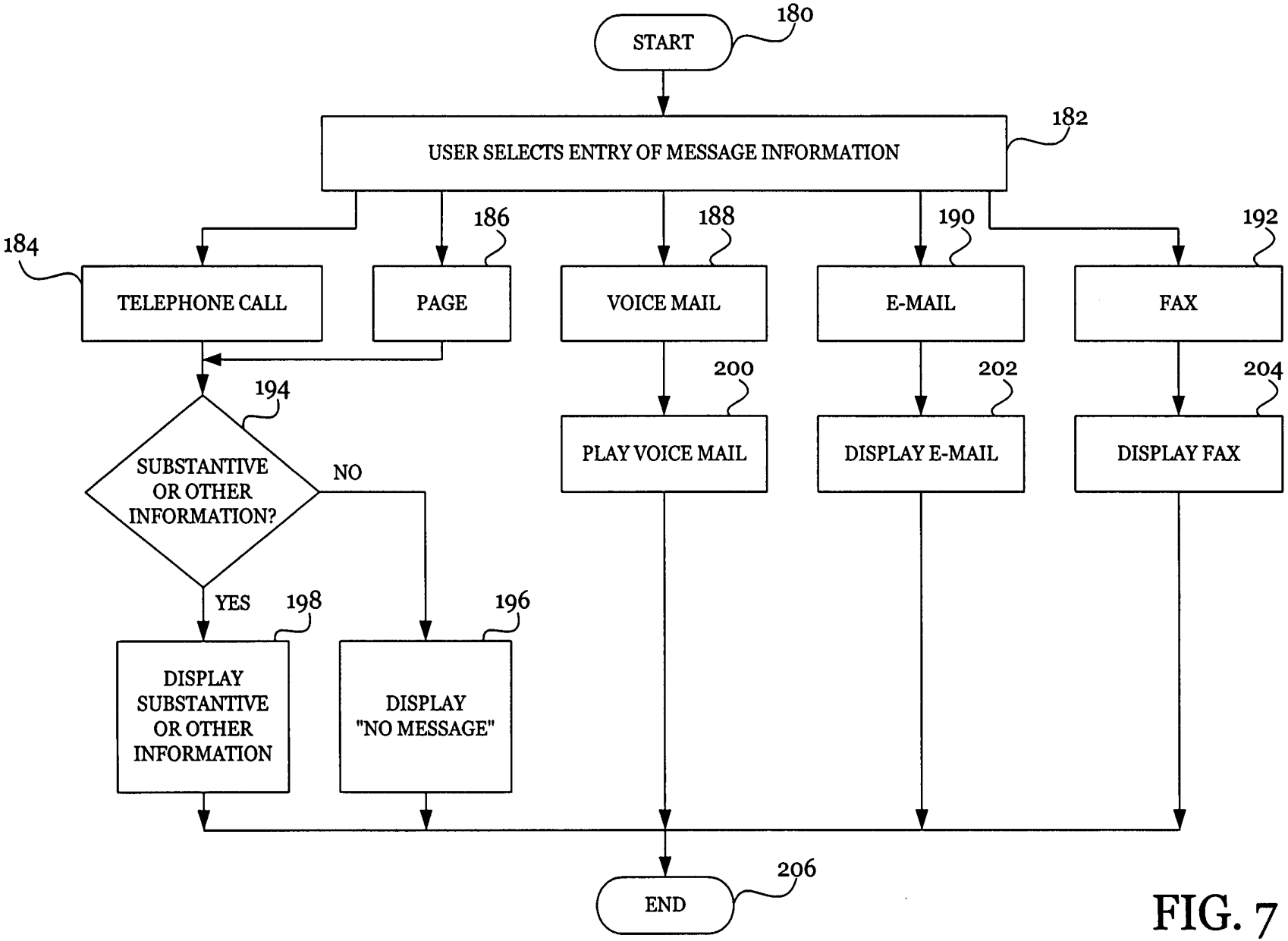

START
180
USER SELECTS ENTRY OF MESSAGE INFORMATION
182
184
TELEPHONE CALL
186
PAGE
188
VOICE MAIL
190
E-MAIL
192
FAX
194
SUBSTANTIVE OR OTHER INFORMATION?
NO
YES
198
DISPLAY SUBSTANTIVE OR OTHER INFORMATION
196
DISPLAY "NO MESSAGE"
200
PLAY VOICE MAIL
202
DISPLAY E-MAIL
204
DISPLAY FAX
END
206

FIG. 7

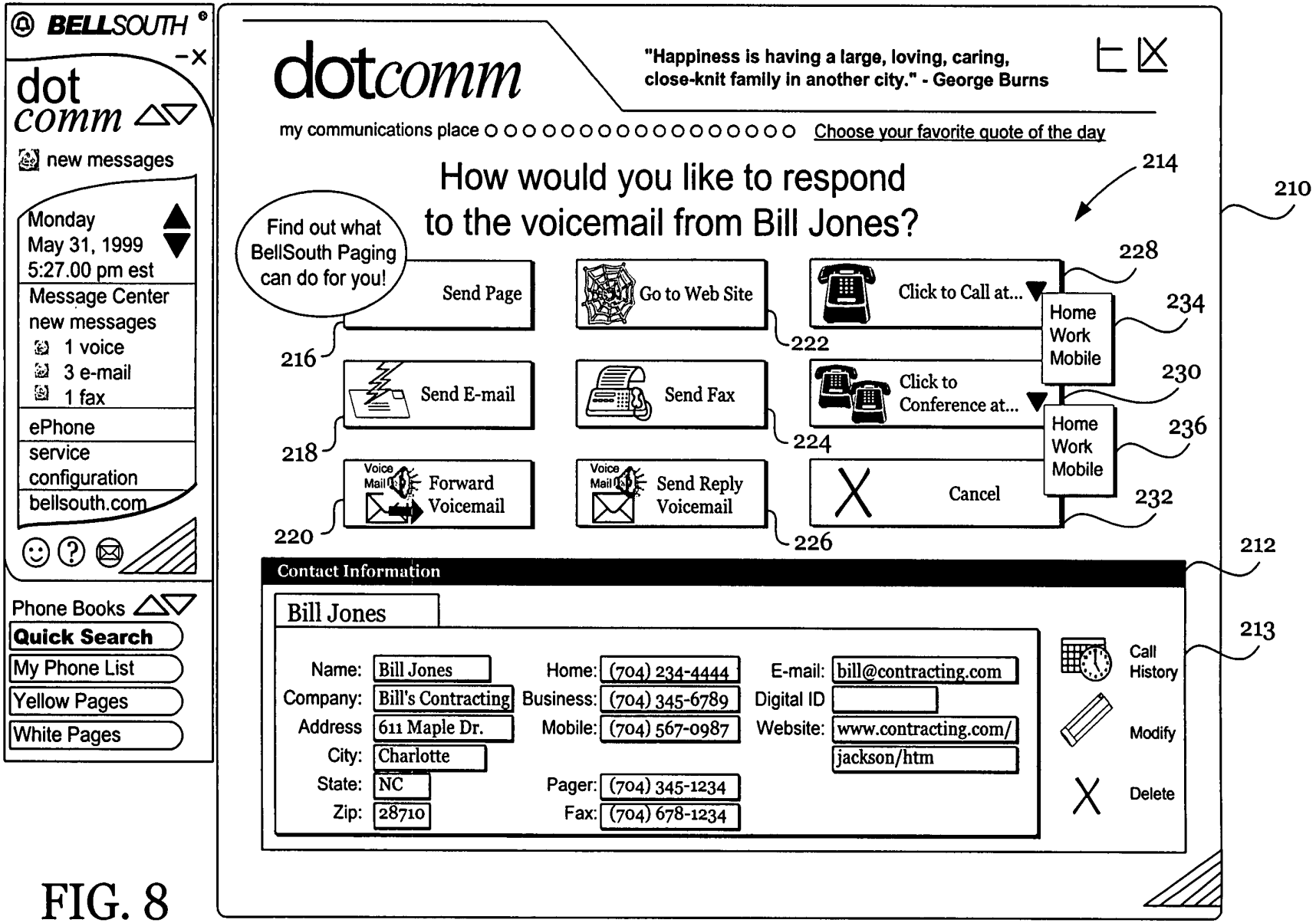

BELLSOUTH
dot comm
new messages
Monday
May 31, 1999
5:27.00 pm est
Message Center
new messages
1 voice
3 e-mail
1 fax
ePhone
service configuration
bellsouth.com
Phone Books
Quick Search
My Phone List
Yellow Pages
White Pages
dotcomm
"Happiness is having a large, loving, caring, close-knit family in another city." - George Burns
my communications place
Choose your favorite quote of the day
How would you like to respond to the voicemail from Bill Jones?
214
210
Find out what BellSouth Paging can do for you!
Send Page
Go to Web Site
Click to Call at...
228
Home
Work
Mobile
234
216
222
Send E-mail
Send Fax
Click to Conference at...
230
Home
Work
Mobile
236
218
224
Voice Mail
Forward Voicemail
Voice Mail
Send Reply Voicemail
Cancel
232
220
226
212
Contact Information
Bill Jones
213
Name: Bill Jones
Company: Bill's Contracting
Address 611 Maple Dr.
City: Charlotte
State: NC
Zip: 28710
Home: (704) 234-4444
Business: (704) 345-6789
Mobile: (704) 567-0987
Pager: (704) 345-1234
Fax: (704) 678-1234
E-mail: bill@contracting.com
Digital ID
Website: www.contracting.com/jackson/htm
Call History
Modify
Delete

FIG. 8

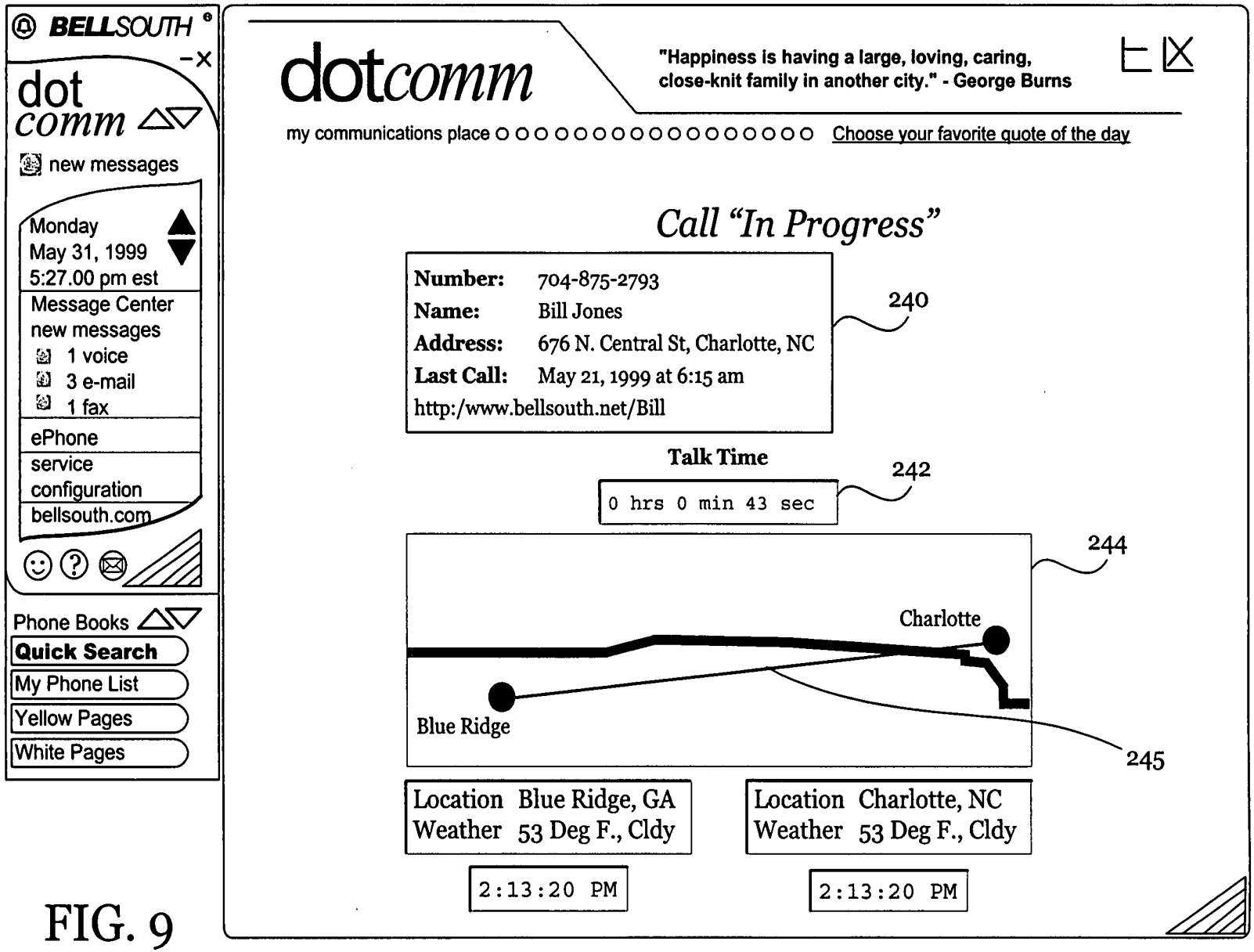

BELLSOUTH
dot comm
new messages
Monday
May 31, 1999
5:27.00 pm est
Message Center
new messages
1 voice
3 e-mail
1 fax
ePhone
service configuration
bellsouth.com
Phone Books
Quick Search
My Phone List
Yellow Pages
White Pages
dotcomm
"Happiness is having a large, loving, caring, close-knit family in another city." - George Burns
my communications place
Choose your favorite quote of the day
Call "In Progress"
Number: 704-875-2793
Name: Bill Jones
Address: 676 N. Central St, Charlotte, NC
Last Call: May 21, 1999 at 6:15 am
http:/www.bellsouth.net/Bill
240
Talk Time
0 hrs 0 min 43 sec
242
244
Charlotte
Blue Ridge
245
Location Blue Ridge, GA
Weather 53 Deg F., Cldy
2:13:20 PM
Location Charlotte, NC
Weather 53 Deg F., Cldy
2:13:20 PM

FIG. 9

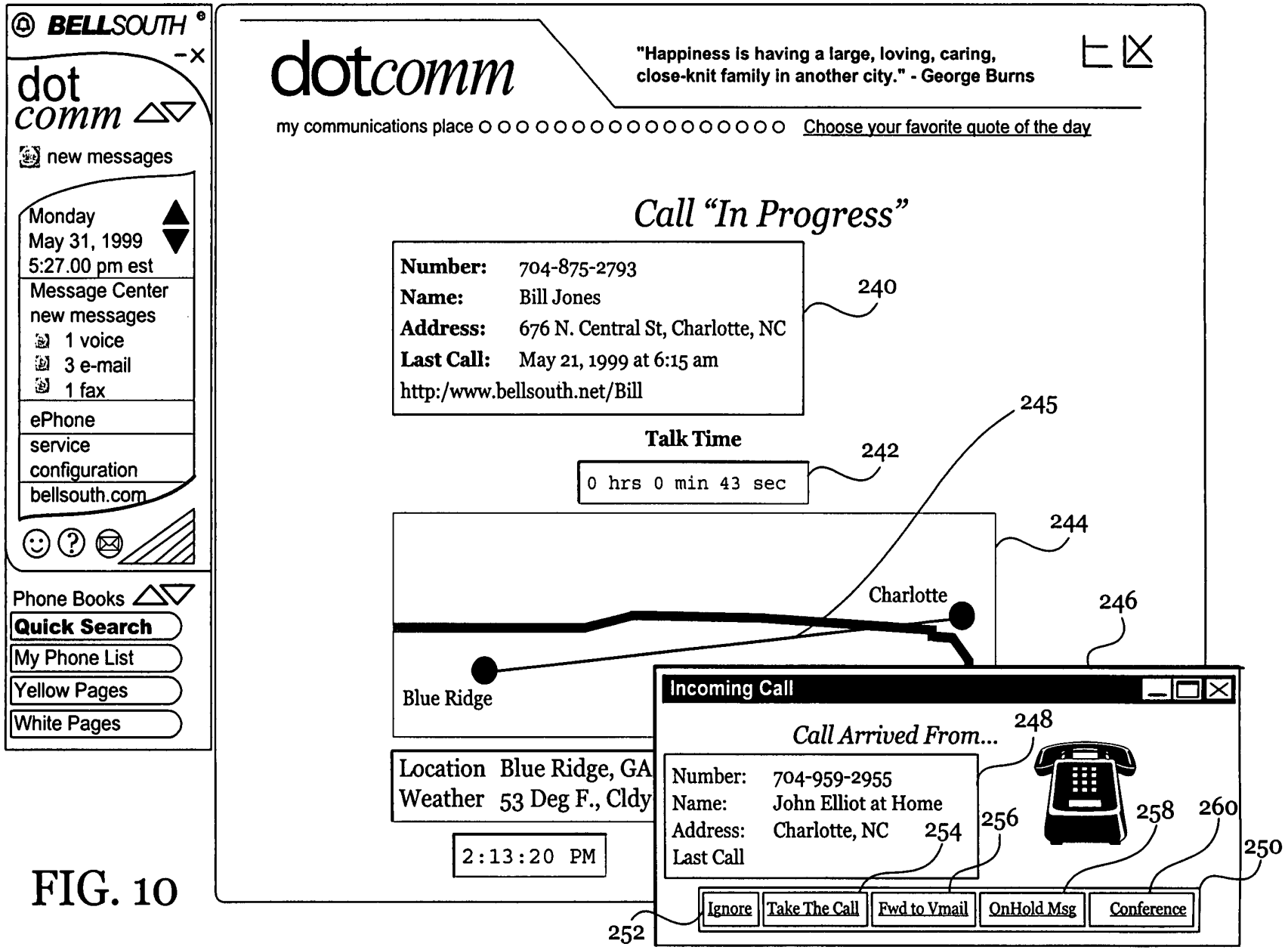

BELLSOUTH
dot comm
new messages
Monday
May 31, 1999
5:27.00 pm est
Message Center
new messages
1 voice
3 e-mail
1 fax
ePhone
service configuration
bellsouth.com
Phone Books
Quick Search
My Phone List
Yellow Pages
White Pages
dotcomm
"Happiness is having a large, loving, caring, close-knit family in another city." - George Burns
my communications place
Choose your favorite quote of the day
Call "In Progress"
Number: 704-875-2793
Name: Bill Jones
Address: 676 N. Central St, Charlotte, NC
Last Call: May 21, 1999 at 6:15 am
http:/www.bellsouth.net/Bill
240
Talk Time
0 hrs 0 min 43 sec
242
245
244
Charlotte
246
Blue Ridge
Location Blue Ridge, GA
Weather 53 Deg F., Cldy
2:13:20 PM
Incoming Call
Call Arrived From...
248
Number: 704-959-2955
Name: John Elliot at Home
Address: Charlotte, NC
Last Call
254
256
258
260
250
Ignore
Take The Call
Fwd to Vmail
OnHold Msg
Conference
252

FIG. 10

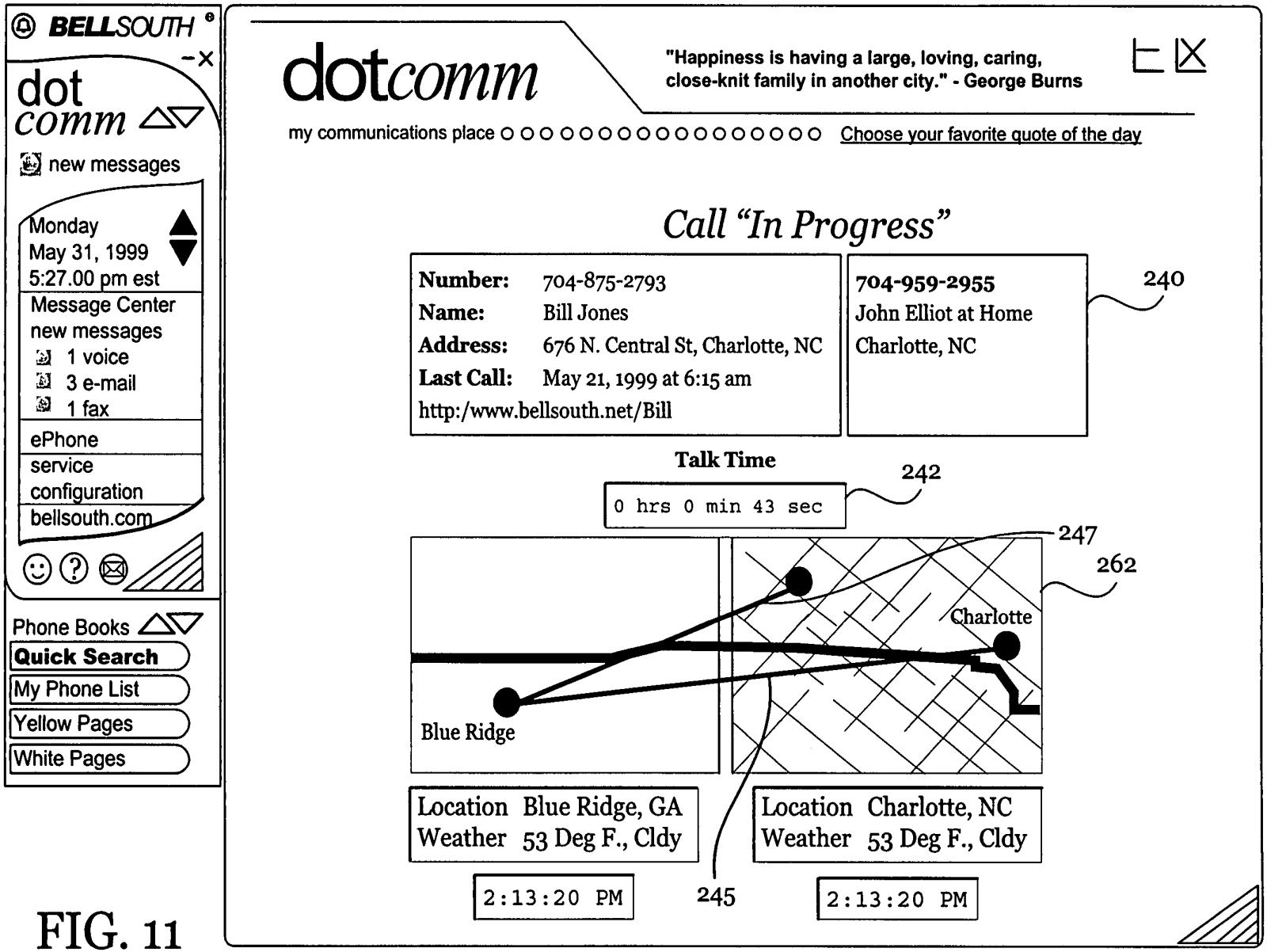

BELLSOUTH
dot comm
new messages
Monday
May 31, 1999
5:27.00 pm est
Message Center
new messages
1 voice
3 e-mail
1 fax
ePhone
service configuration
bellsouth.com
Phone Books
Quick Search
My Phone List
Yellow Pages
White Pages
dotcomm
"Happiness is having a large, loving, caring, close-knit family in another city." - George Burns
my communications place
Choose your favorite quote of the day
Call "In Progress"
Number: 704-875-2793
Name: Bill Jones
Address: 676 N. Central St, Charlotte, NC
Last Call: May 21, 1999 at 6:15 am
http:/www.bellsouth.net/Bill
704-959-2955
John Elliot at Home
Charlotte, NC
240
Talk Time
0 hrs 0 min 43 sec
242
247
262
Charlotte
Blue Ridge
Location Blue Ridge, GA
Weather 53 Deg F., Cldy
Location Charlotte, NC
Weather 53 Deg F., Cldy
2:13:20 PM
245
2:13:20 PM

FIG. 11

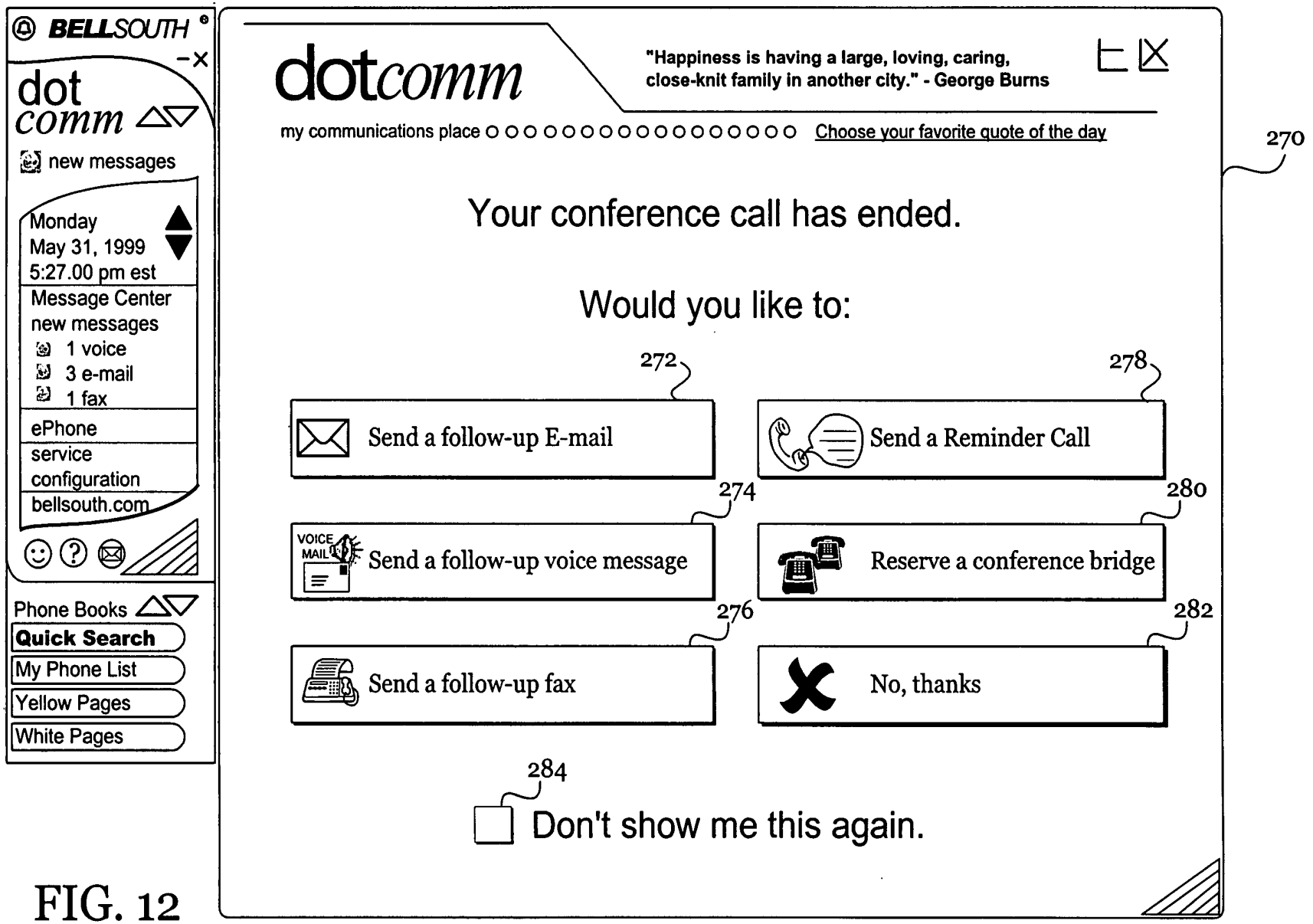

BELLSOUTH
dot comm
new messages
Monday
May 31, 1999
5:27.00 pm est
Message Center
new messages
1 voice
3 e-mail
1 fax
ePhone
service configuration
bellsouth.com
Phone Books
Quick Search
My Phone List
Yellow Pages
White Pages
dotcomm
"Happiness is having a large, loving, caring, close-knit family in another city." - George Burns
my communications place
Choose your favorite quote of the day
270
Your conference call has ended.
Would you like to:
272
Send a follow-up E-mail
278
Send a Reminder Call
274
Send a follow-up voice message
280
Reserve a conference bridge
276
Send a follow-up fax
282
No, thanks
284
Don't show me this again.

FIG. 12

RECEIPT OF A MESSAGE FOR THE USER

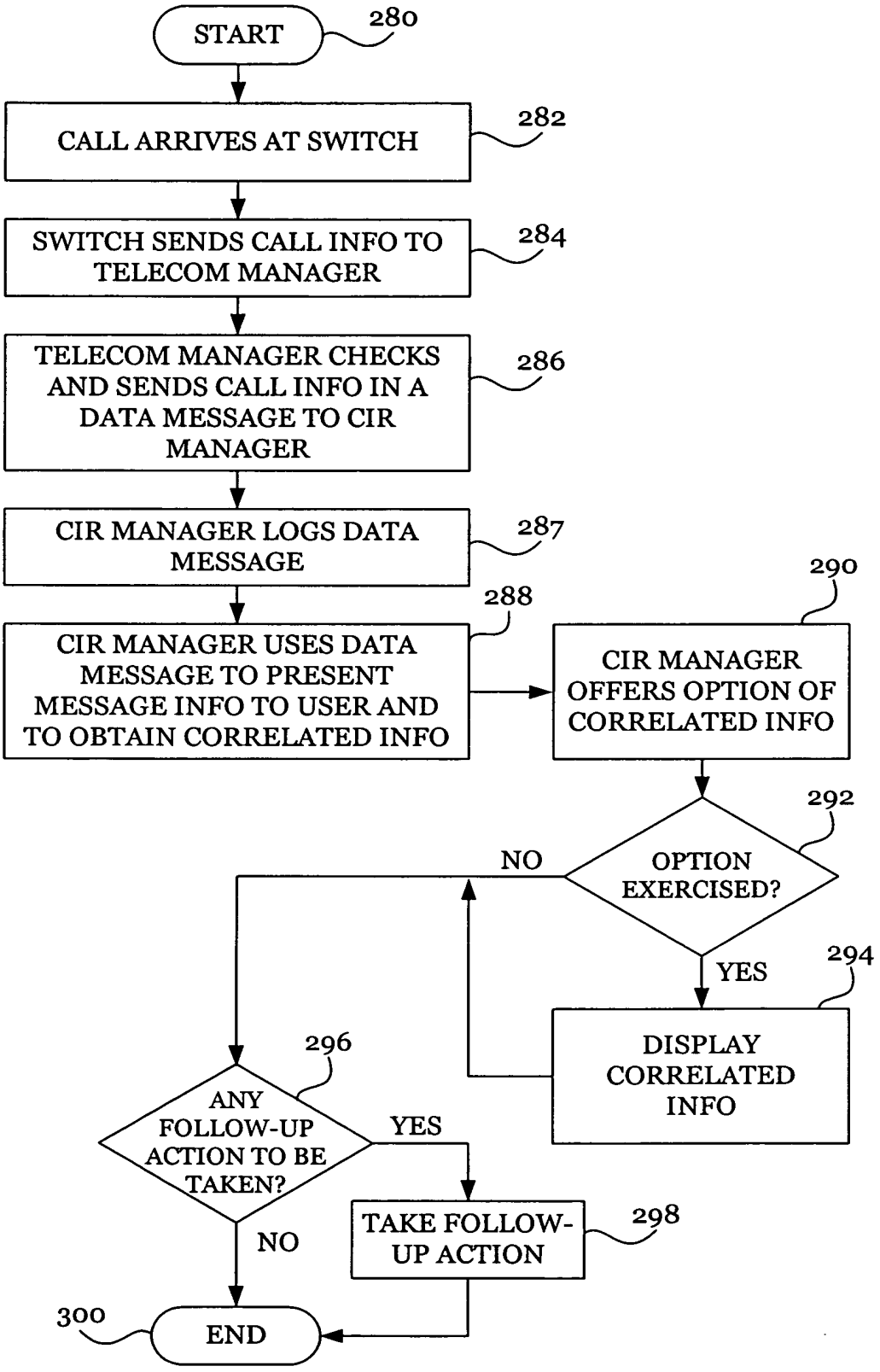



FIG. 13

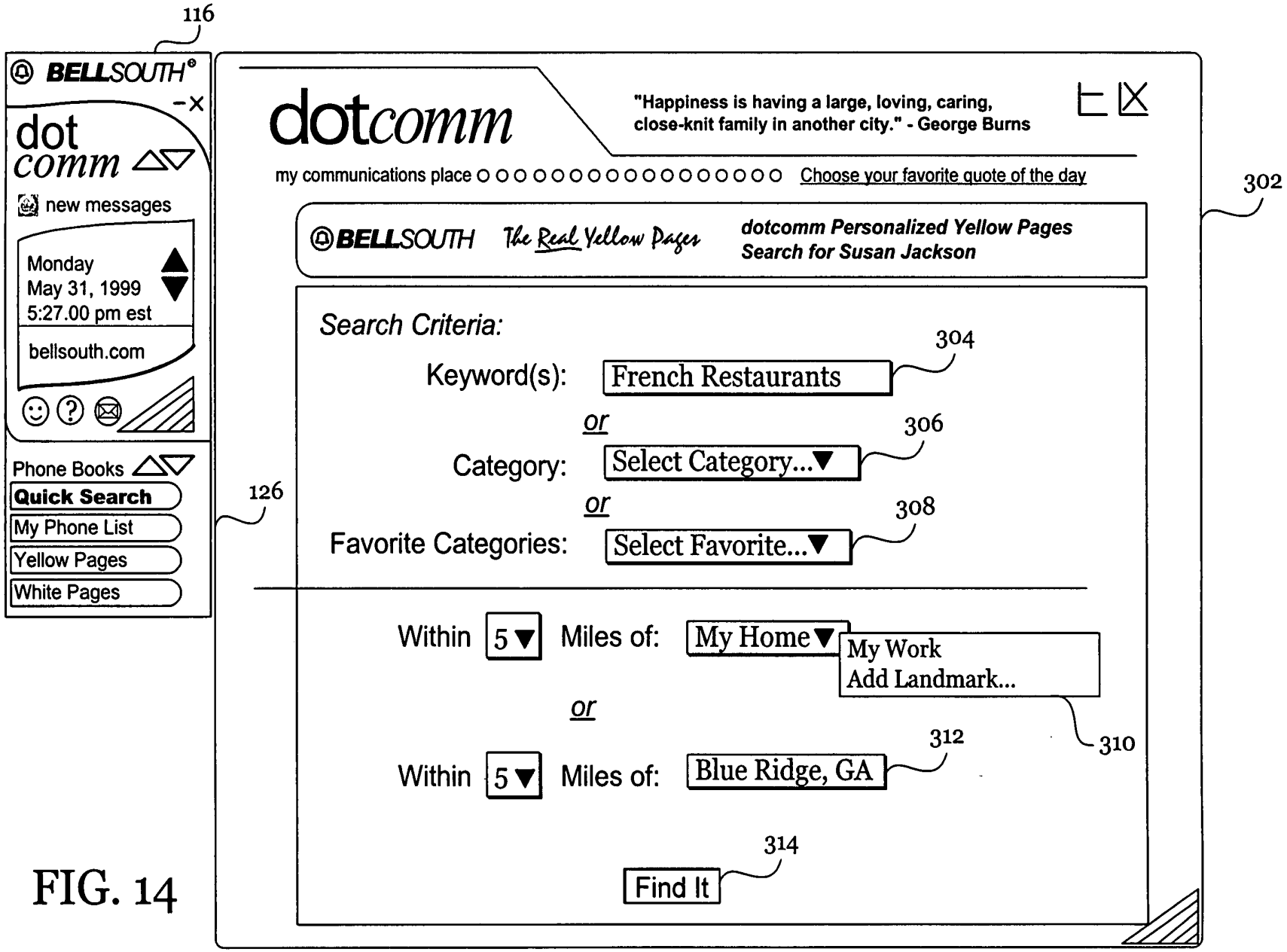

116
BELLSOUTH
dot comm
new messages
Monday
May 31, 1999
5:27.00 pm est
bellsouth.com
Phone Books
Quick Search
My Phone List
Yellow Pages
White Pages
126
dotcomm
"Happiness is having a large, loving, caring, close-knit family in another city." - George Burns
my communications place
Choose your favorite quote of the day
302
BELLSOUTH The Real Yellow Pages
dotcomm Personalized Yellow Pages
Search for Susan Jackson
Search Criteria:
304
Keyword(s): French Restaurants
or
306
Category: Select Category...
or
308
Favorite Categories: Select Favorite...
Within 5 Miles of: My Home
My Work
Add Landmark...
310
or
312
Within 5 Miles of: Blue Ridge, GA
314
Find It

FIG. 14

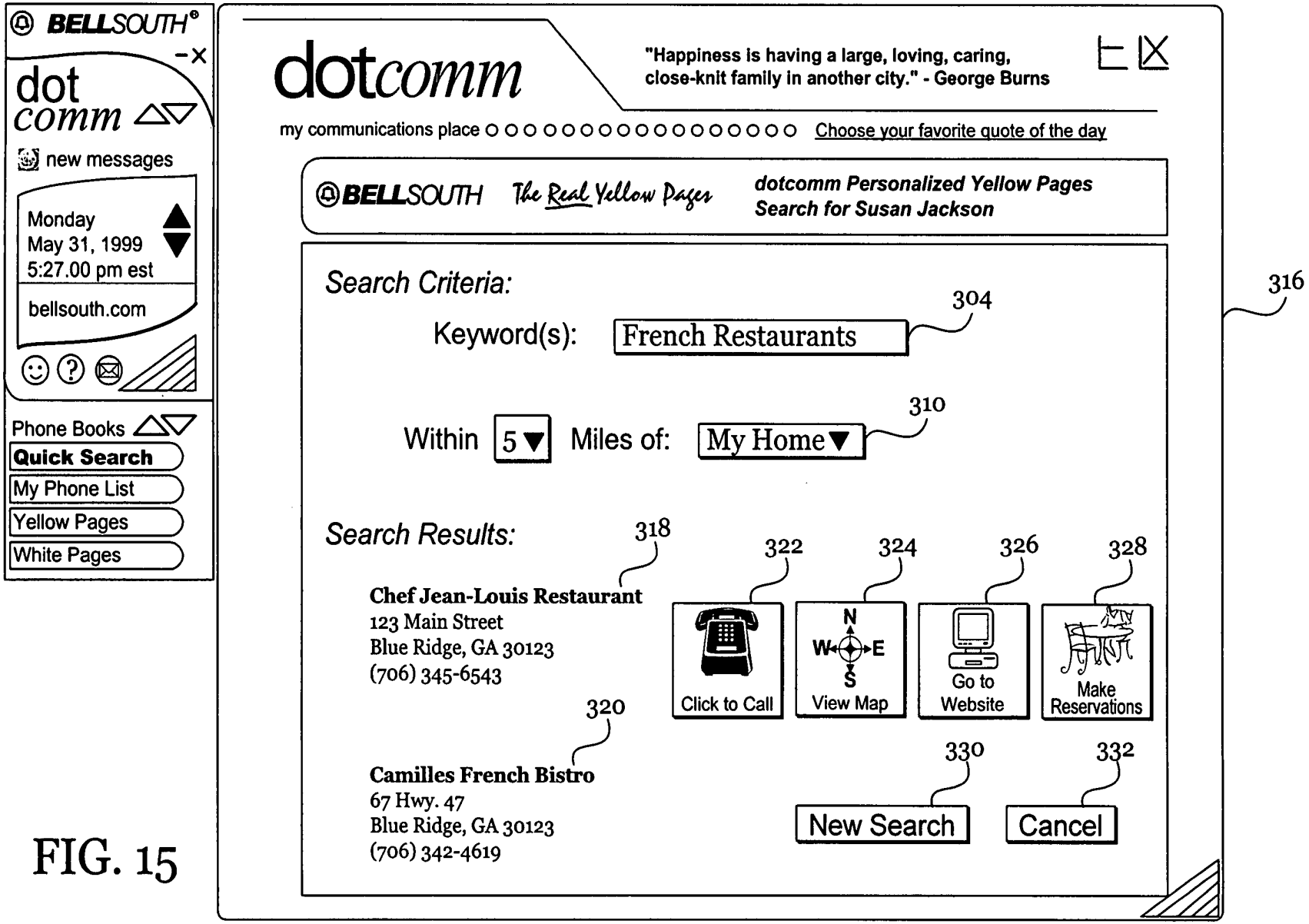

BELLSOUTH
dot comm
new messages
Monday
May 31, 1999
5:27.00 pm est
bellsouth.com
Phone Books
Quick Search
My Phone List
Yellow Pages
White Pages
dotcomm
"Happiness is having a large, loving, caring, close-knit family in another city." - George Burns
my communications place
Choose your favorite quote of the day
BELLSOUTH The Real Yellow Pages
dotcomm Personalized Yellow Pages
Search for Susan Jackson
316
Search Criteria:
304
Keyword(s): French Restaurants
310
Within 5 Miles of: My Home
Search Results:
318
322
324
326
328
Chef Jean-Louis Restaurant
123 Main Street
Blue Ridge, GA 30123
(706) 345-6543
Click to Call
View Map
Go to Website
Make Reservations
320
Camilles French Bistro
67 Hwy. 47
Blue Ridge, GA 30123
(706) 342-4619
330
332
New Search
Cancel

FIG. 15

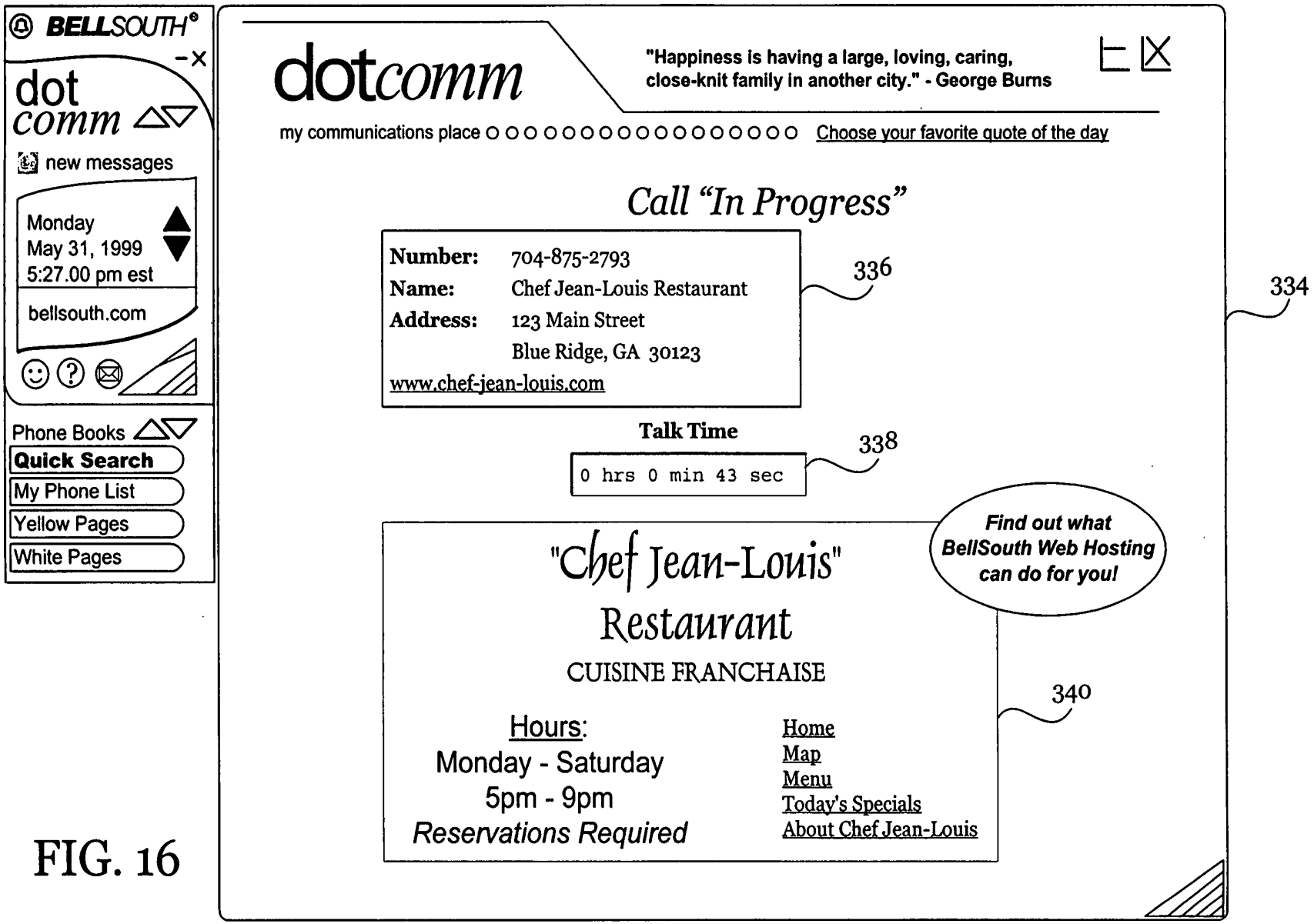

BELLSOUTH
dot comm
new messages
Monday
May 31, 1999
5:27.00 pm est
bellsouth.com
Phone Books
Quick Search
My Phone List
Yellow Pages
White Pages
dotcomm
"Happiness is having a large, loving, caring, close-knit family in another city." - George Burns
my communications place
Choose your favorite quote of the day
Call "In Progress"
Number: 704-875-2793
Name: Chef Jean-Louis Restaurant
Address: 123 Main Street
Blue Ridge, GA 30123
www.chef-jean-louis.com
336
334
Talk Time
0 hrs 0 min 43 sec
338
"Chef Jean-Louis" Restaurant
CUISINE FRANCHAISE
Find out what BellSouth Web Hosting can do for you!
340
Hours:
Monday - Saturday
5pm - 9pm
Reservations Required
Home
Map
Menu
Today's Specials
About Chef Jean-Louis

FIG. 16